

The Department of the Army -- Job Opportunity Announcement

Job No.: GEU301075

Opening Date: April 14, 2003

Closing Date: May 12, 2003

Position Title (Pay Plan-Series): General Engineer (GS-0801), Physical Scientist (GS-1301)

Grade: 11, 12

Full Performance Grade: 12

Comments:

This is a delegated examining announcement, open to all US citizens. This vacancy announcement is not covered under Resumix procedures. In order to be considered for this position you must follow the directions under how to apply and submit the proper forms.

You must submit a separate application and attachments for every job announcement you are applying for. Please make sure your resume/application contains the job announcement number and your social security number. You must include the announcement number on all documents submitted.

TENURE: Permanent.

NOTES: (1) Career/career conditional employees selected under this announcement will normally be required to serve a one year probationary period in accordance with 5 CFR 315.801(a)(1). (2) You must follow the procedure stated in the "How to Apply" section to receive consideration under this announcement. (3) Employee is required to have and maintain a valid state driver's license. (4) Travel is required about 10 percent of the time. (5) A copy of your college transcripts is required.

Salary:

General Engineer (includes Special Salary rate and 12.74 percent locality)

GS-11: \$48,708 - \$62,991 Per Annum

GS-12: \$58,070 - \$75,492 Per Annum

Physical Scientist (includes 12.74 percent locality)

GS-11: \$48,451 - \$62,991 Per Annum

GS-12: \$58,070 - \$75,492 Per Annum

FILING DEADLINE: APPLICATIONS MUST BE RECEIVED BY THE CLOSING DATE. LATE APPLICATIONS WILL NOT BE CONSIDERED.

Number of vacancies to be filled by this announcement: One (1).

Salary: See above for salary levels

Region: Northeast

Organization:

U.S. Army Engineer District, Baltimore
Engineering Division
HTRW Branch
Civil HTRW Section

Duty Station: Baltimore, MD

Area of Consideration:

- Opened to all applicants with or without Civil Service Status.

Duties:

Provides technical and administrative management of projects conducted by in house and or contracted technical personnel involved in work associated with remedial investigations, feasibility studies, and designs for remediation of hazardous, toxic, and radiological waste problems for assigned projects. Evaluates, advises on, and solves complex technical project management problems which involve threats to safety and health, difficult or unusual planning, scheduling, negotiation and coordination, as well as less complex project management assignments. Work requires an understanding of a broad range of scientific and engineering disciplines including chemistry, chemical engineering, geotechnical engineering, civil engineering, geology, environmental engineering, hydrogeology, toxicology, biology, and structural engineering as well as an intimate knowledge of administrative management of the technically related aspects of funds control, contract analyses, contract negotiation, contract administration, and project scheduling. Solves, advises on, or evaluates complex problems associated with the project management of the technical aspects of HTRW projects. Typical problems include determining project strategy when the user or sponsor needs dictate that the project be completed in an inordinately short time frame and/or funding is not sufficient to allow the use of the normal design process; negotiating and coordinating with the user or sponsor on initial and subsequent scopes of work and design direction when user or sponsor demands, outside authorities, and/or funding constraints require numerous changes; developing the scopes of work, preparing the government estimates, and developing contract selection criteria for technically difficult HTRW related projects in situations where the nature of the contaminants may be unknown, or the cleanup techniques may have never before been applied; representing the Government position in complex negotiations with contractors where there is often a disagreement relative to issues of cost or scope; evaluating project direction (i.e., continue, stop, or alter course) when major issues are raised on cost, design direction, user or sponsor satisfaction and/or construction feasibility; and other similar responsibilities. Solves, advises on, or evaluates less complex technical related project management problems where standard methods, techniques, or solutions exist

and their limited modification or adaptation is required. Prepares special studies that involve limited or no unusual planning, scheduling, negotiation and coordination. Determines appropriate use of contracts or in house personnel. Secures the services of other divisions, branches, or sections of the Baltimore District or arranges to have the necessary work performed by private concerns under contract, bearing the responsibility for assuring proper performance. Develops the scope of work for the project, determines milestone dates when not prescribed by others, and assures that all review comments are addressed. Chairs meetings with contractors, users, sponsors, outside reviewers, representatives of base commanders, or others to insure that there is a full understanding of the scope of work for the technical aspects of the project, to assure that the proposed courses of action are the most efficient ones and are not encumbered by unnecessary requirements, to develop the programmed amount, to develop the appropriate course of action if the programmed amount will be exceeded, and/or to identify accountability for and determine the resolution of problems caused by design errors or omissions. Controls the expenditure of funds by the in-house staff and tracks all costs and undelivered orders of each project comparing current charges and obligations with actual work completed. Alerts supervisor of possible overruns, participates in the resolution of the overruns, and if necessary, determines the justification for obtaining additional funds.

Qualification Requirements:

BASIC REQUIREMENTS for General Engineer (0801):

Applicants must possess the following at the time of filing:

The primary method of qualifying for professional engineering positions is through successful completion of a 4-year professional engineering curriculum (not engineering technology) leading to a bachelor's or higher degree in engineering in an accredited college or university. To be acceptable, the curriculum must:

- Be in a school of engineering with at least one curriculum accredited by the Accreditation Board for Engineering and Technology (ABET) as a professional engineering curriculum; or
- Include differential and integral calculus and courses (more advanced than first year science or engineering) in five of the seven areas of engineering science or physics:
 - (1) statics, dynamics;
 - (2) strength of materials (stress-strain relationships);
 - (3) fluid mechanics, hydraulics;
 - (4) thermodynamics;
 - (5) electrical fields and circuits;
 - (6) nature and properties of materials (relating particle and aggregate structure of properties);

(7) any other comparable area of fundamental engineering science or physics, such as optics, heat transfer, soil mechanics, or electronics.

2. Alternative Method of Meeting Basic Requirements:

If you do not meet the basic engineering requirements above, you may qualify if you have an equivalent combination of experience and education that meets the requirements listed below.

Candidates may substitute for the basic requirement of at least 4 years of college-level education, training and/or technical experience that furnished (1) a thorough knowledge of the physical and mathematical sciences underlying professional engineering and (2) a good understanding, both theoretical and practical of the branches of engineering. This knowledge and understanding must be equivalent to that provided by a full 4-year professional engineering curriculum with respect to (a) knowledge, skills, and abilities required of the position to be filled; and (b) the ability to develop and progress in a career as a professional engineer in the specialty field. The adequacy of such background must be demonstrated by one of the following:

Professional Registration: Current registration as a professional engineer in any state, District of Columbia, Puerto Rico or Guam. Absent other means of qualifying for engineering positions, those candidates who achieved such registration by means other than a written test (for example, state grandfather or eminence provisions) are eligible only for positions that are within or closely related to the specialty field of the registration. For example, a candidate who attains registration through a State Board eminence provision as manufacturing engineer typically would be eligible for manufacturing engineering positions.

Written Test: Evidence of having successfully passed the Engineer-in-Training (EIT) examination or the written test required for professional registration which is administered by the Boards of Engineering Examiners in the various states, District of Columbia, Puerto Rico and Guam.

Candidates who pass the EIT examination and complete all the requirements for bachelors degree in engineering technology (BET) that: (a) included 60 semester hours of courses in physical, mathematical and engineering sciences, and in engineering as listed in the basic requirements; or (b) was in an accredited college or in a program accredited by the Accreditation Board of Engineering and Technology (ABET) may be eligible for certain engineering positions at GS-05.

Because of the diversity in kind and quality of BET programs, graduates of the BET programs are required to complete at least one year of additional education or highly technical work experience of such nature as to provide reasonable assurance of the possession of the knowledge, skills, and abilities required for professional engineering competence. The adequacy of this background must be demonstrated by passing the EIT examination.

Specified Academic Courses: Successful completion in an accredited college or university of at least 60 semester hours of courses acceptable for credit towards a B.S. in professional engineering, in the physical, mathematical, and engineering sciences. These must have included the courses specified in the basic requirements above. The courses must also be fully acceptable towards meeting the requirements of a professional engineering curriculum as described in the basic requirements.

Related Curriculum: Successful completion in an accredited college of a full 4-year or longer related curriculum leading to a bachelors degree in engineer technology or in an appropriate professional field, for example, physics, chemistry, architecture, computer science (not computer programming), mathematics, hydrology, or geology, may be accepted in lieu of a degree in engineering provided you have at least one year of professional engineering experience which was acquired under professional engineering supervision and guidance.

Completion of Advanced Engineering Degree: Successful completion of an advanced degree in engineering which reflects the possession of the knowledge of the basic principles, concepts, and theories of professional engineering.

NOTE:

Foreign Education: Foreign education must be evaluated for U.S. equivalency in order to be rated eligible for this position. Please include this information either in your resume or by furnishing a copy of your certificate in your application package.

BASIC REQUIREMENTS for Physical Scientist (1301):

Degree: successful completion of a full 4-year course of study in an accredited college or university leading to a bachelor's or higher degree in physical science, engineering, or mathematics that included 24 semester hours in physical science and/or related engineering science such as mechanics, dynamics, properties of materials, and electronics

-OR-

Combination of education and experience -- education equivalent to one of the majors shown above that included 24 semester hours in physical science and/or related engineering science, plus appropriate experience or additional education related to the position.

IN ADDITION TO MEETING THE BASIC REQUIREMENTS, APPLICANTS MUST POSSESS THE FOLLOWING:

GS-11: 3 years of progressively higher-level directly related graduate education leading to a Ph.D. degree or Ph.D. or equivalent doctoral degree -OR- one year of specialized experience equivalent to at least the GS-09 grade level.

GS-12: One year of specialized experience equivalent to the GS-11 grade level in the Federal service.

SEE THE "HOW TO APPLY" SECTION FOR SPECIALIZED EXPERIENCE STATEMENT.

Selective Placement Factors/Knowledge Skills and Abilities (KSAs):
KNOWLEDGE, SKILLS AND ABILITIES (KSAs): Candidates will be rated on their possession of the following knowledge, skills, and abilities. Candidates must address each of the KSAs specifically on plain bond paper and submit it along with the other application materials. Information may include experience, education, training and awards as it relates to each KSA. Since you will be rated based on your possession of the KSAs listed in this announcement and a ranking determination made which affects your chances for employment, it would benefit you to provide your responses to the KSAs on a separate sheet of paper and submit it with your application.

FOR BOTH GRADE LEVELS:

KSA 1. Ability to define and develop scope, schedules and budgets for investigations, design, and/or remediations projects.

KSA 2. Demonstrated abilities in written communications (letters, memorandum, scopes of work, information/status papers, etc.).

KSA 3. Demonstrated abilities in oral communications (briefings, meetings, scope development, negotiations, etc.).

Standard/Other Requirements/Instructions on How to Apply:

1. Failure to provide all of the required information as stated in the announcement may result in an ineligible rating or may affect the overall rating.
2. This position is nonsensitive and requires a personnel security investigation on a post-appointment basis only.
3. Management has the prerogative to select at any grade level for which this position has been announced.
4. This recruitment provides promotion opportunity to the target grade of the position without further competition when selectee is eligible and recommended by management.
5. Temporary Duty (TDY) is required.
6. Permanent change of station (PCS) funds will be authorized.
7. Selection for this position is contingent upon proof of U.S. citizenship.

8. Direct Deposit is REQUIRED: As a condition of employment, candidates appointed, competitively promoted or reassigned are required to enroll and participate in Direct Deposit/Electronic Funds Transfer within 60 days following the effective date of that action.

9. Application/Resume deadline: Application/Resume must be received by the Closing Date of the Vacancy Announcement.

10. Male applicants born after December 31, 1959, are required to complete a Pre-Employment Certification Statement for Selective Service registration prior to appointment. Failure to comply may be grounds for withdrawal of an offer of employment, or dismissal after appointment.

SPECIALIZED EXPERIENCE:

Specialized experience is experience which has equipped the applicant with the particular knowledge, skills and abilities (KSAs) to successfully perform the duties of the position and that is typically in or related to managing projects associated with remedial investigations, feasibility studies, and designs for remediation of hazardous, toxic, and radiological waste problems.

BASIS OF RATING: Basic eligibility will be determined by assessing the candidate's background against the appropriate OPM Qualifications Standard to include any selective placement factors. Candidates will be rated based on an evaluation of the extent and quality of their experience, education, and training as provided in their Resume. Candidates who meet the Basic Qualification Requirements will be further evaluated on the skills they possess or the extent and quality of skills for Delegating Examining that are directly related to the job duties as described in this vacancy announcement.

HOW TO APPLY:

Submit the following documents (Numbers 1-4) to the address listed under Where To Submit Package:

1. OF612, Optional Application for Federal Employment (this form can be found at www.opm.gov/forms/word/of612.doc, or a Resume. The resume may be typed or legibly handwritten and must contain, at a minimum: Announcement Number; Name; Address; Social Security Number; Position Title and Grade of the job you are applying for; your paid/unpaid work experience including job title, duties and accomplishments, employers name and address, supervisors name and phone number, starting and ending dates (Month and Year), hours worked per week and grade/salary; education.

2. Separate sheet(s) of bond paper describing how your experience, education, training, awards relate to the Knowledge, Skills, and Abilities (KSAs) listed in this announcement. Since you will be rated based on your possession of the KSAs listed in this announcement and a ranking determination made which affects your chances for employment, it

would benefit you to submit your responses to the KSAs along with your application. Since failure to do so would result in the examiner having less pertinent job-related information in which to evaluate you, a lower rating could result.

3. College Transcripts. NOTE: IF EDUCATION IS BEING USED IN LIEU OF EXPERIENCE, A COPY OF YOUR TRANSCRIPTS MUST BE PROVIDED. (If you are a current Federal employee holding a position requiring the same basic qualifications as the position for which you are applying, a Notification of Personnel Action (SF-50) will be accepted in lieu of transcripts.)

4. Applicants claiming veterans' preference must CLEARLY do so in their resume/application. Applicants claiming 5-point preference must include specific, detailed information in their resume/application which supports their claim for veterans' preference, e.g., actual dates of service, type of duty (active, reservist), campaign badges or medals awarded, rank at time of retirement, etc. If information needed to verify entitlement to veterans preference is not provided in the resume/application, preference will be denied. Applicants claiming 10-point preference MUST submit a DD Form 214 AND supporting documentation, e.g., Letter from VA dated within one year. Failure to submit supporting documentation will result in loss of consideration for 10-point preference. If veterans preference is awarded and the applicant selected, a DD Form 214 (Member-4 copy) is required at the time of appointment to verify preference. Failure to provide the DD Form 214 at the time of appointment will result in the offer of employment being withdrawn.

NOTE FOR MILITARY SPOUSES:

Spouses of active duty military members of the Armed Forces may receive preference in hiring under this announcement if they are among the best qualified candidates referred for the position and are within reach for selection. Spouse preference eligibles must provide a copy of sponsors Permanent Change of Station (PCS) orders AND clearly state in their resume that they are requesting Military Spouse Preference in order to be considered for this preference.

SPECIAL PRIORITY CONSIDERATION UNDER THE INTERAGENCY CAREER TRANSITION ASSISTANCE PLAN (ICTAP). If you are a displaced Federal employee (Non-DOD), you may be entitled to receive special priority consideration under ICTAP. If you are a displaced Department of Defense (DOD) employee, DOD has established other programs such as the Priority Placement Program (PPP), and Reemployment Priority List (RPL) for DODs displaced employees. If you have questions, contact your appropriate Civilian Assistance and Reemployment Program (CARE) office. For ICTAP, (NOTE: Eligibility expires (a) one year after separation; (b) one year after an agency certifies that an employees compensation (OWCP) has been terminated and the individual can not be placed at the agency; (c) one year after an employees disability annuity has been terminated or after being notified that his/her annuity will be terminated; (d) when an employee accepts a position without time limitations; (e) when an employee no longer meets eligibility requirements; or (f) within a specific agency, upon declination of offer to that employee by that agency.)

To receive consideration under ICTAP (Numbers 1-7 below), you must:

1. Be a current or former career or career-conditional (Tenure group I or II) competitive service employee who has been displaced.
2. Be applying for a position at or below the grade level of the position from which you have been separated. The position must not have a greater promotion potential than the position from which you were separated.
3. Have a current (or last) performance rating of record that is fully successful or better. This must be submitted with your application package. (This requirement does not apply to candidates who are eligible due to compensable injury or disability retirement.)
4. Occupy or be displaced from a position in the same local commuting area of the position for which you are requesting priority consideration.
5. Have your application received (unless otherwise specified by the announcement) by the closing date and meet all of the application criteria (e.g., submit all required documentation, etc).
6. Submit a copy of the appropriate documentation with your application package, such as a RIF separation notice, a letter from OPM or your agency documenting your priority consideration rights.
7. Be rated well-qualified. A well qualified employee is defined as meeting all of the minimum qualification standards and eligibility requirements as well as possessing knowledge, skills and abilities that clearly exceed the minimum qualification requirements for the position. To be rated well qualified, ICTAP applicants must attain an eligibility rating on this case examination of 80 points or higher, not including points for veterans preference.

NOTE: If you wish to be considered through this program, please mark (ICTAP) clearly on your application.

Where to Submit Application Package:

Please send all required application materials to:

Northeast CPOC
314 Johnson Street
Attention: DEU
Aberdeen Proving Ground, MD 21005-5283

You may fax your complete application package to 410-306-1284 or DSN 458-1284, ATTN: DEU. You may call 410 306-0031 to inquire about announcements/applications.

NOTE: In order to receive consideration, your application must contain all of the applicable information/documents listed under How To Apply. Applications received

through the use of postage paid government envelopes are in violation of 18 USC 1719 and will not be considered.

If you would like to be considered, then you are required to submit all necessary materials applicable to this vacancy announcement.

THE DEPARTMENT OF THE ARMY IS AN EQUAL OPPORTUNITY EMPLOYER. All qualified applicants will receive appropriate consideration without regard to non-merit factors such as race, color, religion, sex, national origin, marital status except where specifically authorized by law, age, politics, disability, or sexual orientation which do not relate to successful performance of the duties of this position. Reasonable accommodation to individuals with disabilities will be provided upon request.

SELECTION FOR THIS POSITION IS SUBJECT TO RESTRICTIONS RESULTING FROM DEPARTMENT OF DEFENSE REFERRAL SYSTEM FOR DISPLACED EMPLOYEES.